

FortiExtender Cloud Release Notes

VERSION 1.0.0

FORTINET DOCUMENT LIBRARY

<http://docs.fortinet.com>

FORTINET VIDEO GUIDE

<http://video.fortinet.com>

FORTINET BLOG

<https://blog.fortinet.com>

CUSTOMER SERVICE & SUPPORT

<https://support.fortinet.com>

<http://cookbook.fortinet.com/how-to-work-with-fortinet-support/>

FORTIGATE COOKBOOK

<http://cookbook.fortinet.com>

FORTINET TRAINING SERVICES

<http://www.fortinet.com/training>

FORTIGUARD CENTER

<http://www.fortiguard.com>

END USER LICENSE AGREEMENT

<http://www.fortinet.com/doc/legal/EULA.pdf>

FEEDBACK

Email: techdocs@fortinet.com



May 1, 2018

FortiExtender Cloud 1.0.0 Release Notes

1st Edition

TABLE OF CONTENTS

- Change log..... 4**
- Introduction..... 5**
- Main features..... 6**
 - Zero Touch Provisioning..... 6
 - Central monitoring..... 6
 - Device management..... 6
 - Grouping..... 6
 - API..... 7
 - Role Based Access Control..... 7
- Supported devices..... 8**
- Licensing..... 9**
- Installation instructions.....10**
- Device troubleshooting.....11**

Change log

Date	Change Description
05/01/2018	FortiExtender Cloud 1.0.0 initial release

Introduction

Welcome, and thank you for choosing FortiExtender Cloud.

FortiExtender Cloud enables ultra fast deployment and simplified management of the FortiExtender equipped networks spread across various geographic locations. FortiExtender cloud has been designed with an intuitive single pane of glass management interface and workflow to reduce complexity, increase visibility and actionable insights. This combination allows for faster remote site bring-up with ease of troubleshooting leading to reduced total cost of ownership.

Main features

Zero Touch Provisioning

FortiExtender Cloud provides a simple way to configure and deploy units with Zero Touch Provisioning (ZTP). With ZTP, users can create device templates, and use them to configure devices remotely. The first time the device is connected to the internet via the LAN port, FortiExtender Cloud will automatically configure the device using the created template.

Central monitoring

FortiExtender Cloud features Central monitoring. This gives users an overview of all devices in the cloud. Central monitoring displays the data in graph form, offering a high-level peek of criteria such as:

- Data usage by device
- Data usage by group
- Data usage by plan
- Data usage by carrier
- Device connectivity history
- 24 hour event tracker
- Device statuses

Device management

FortiExtender Cloud gives users the ability to see details of individual devices in the cloud, including:

- Device status
- Device connection information
- Device signal quality
- Device throughput
- Device events

Furthermore, users can perform remote management of the devices by:

- Rebooting the device.
- Resetting the device.
- Upgrading the device.
- Updating the device configuration.
- Using Out of Band Management.

Grouping

FortiExtender Cloud gives users the ability to put devices into groups. Users can group devices based on department, location, or in any other category. Furthermore, users can monitor devices as a group, as well as reboot devices as a group.

API

FortiExtender Cloud features APIs that provide access to the FortiExtender devices on the cloud. These APIs provide retrieval of logs, device information, and group mappings.

Role Based Access Control

FortiExtender Cloud features Role Based Access Control, which allows administrators to select roles for users they add. Each role has different permissions. The Viewer role gives read only access, while the User role gives both read and write access.

Supported devices

FortiExtender Cloud supports FortiExtender devices with the following models and versions:

Device Model	Device Version
FEXT-40D-AMEU	v3.3 build number 431

NOTE: FortiExtender build number 431 can only be managed from the cloud and not from the FortiGate.

Licensing

FortiExtender Cloud provides full functionality, free of charge, for **ten** FortiExtender devices. You must purchase a license before you can add additional devices.

Contact your primary Fortinet Service Provider for more information.

Installation instructions

To access FortiExtender Cloud, go to <https://fortiextender.forticloud.com>.

For specific instructions on how to configure FortiExtender Cloud to work with your FortiExtender devices, refer to the FortiExtender Cloud Handbook: <https://docs.fortinet.com/d/fortiextender-cloud-1.0.0-handbook>.

Device troubleshooting

The following status and debug commands are accessible from the CLI prompt of the FortiExtender. Use these commands to check the device status and debug accordingly.

Status CLI Commands

<code>get system version</code>	Shows the device's hardware and software versions.
<code>get extender status</code>	Displays the device's synchronization status with FortiExtender cloud .
<code>get cpm status</code>	Provides the device's SSL tunnel information and connectivity status.
<code>get modem status</code>	Details the cellular modem's status.

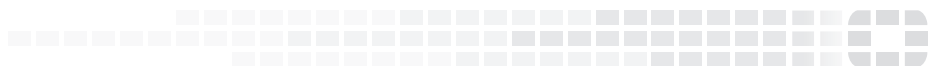
Logging and Debugging

<code>execute debug log-to-console on</code>	Displays logs on telnet or the cloud console terminal.
<code>execute debug log-to-console off</code>	Turns off logs on telnet or the cloud console terminal.
<code>execute debug clear</code>	Turns off all enabled logging.
<code>execute debug EXTD info on</code>	Turns on extender information logging.
<code>execute debug EXTD info off</code>	Turns off extender information logging.
<code>execute debug CPM info on</code>	Turns on cpm information logging.
<code>execute debug CPM info off</code>	Turns off cpm information logging.
<code>execute debug CONNMGR info on</code>	Turns on modem's information logging.
<code>execute debug CONNMGR info off</code>	Turns off modem's information logging.

NOTE: The log-to-console commands shown above aren't required while accessing the device over the serial console port. They are applicable only to telnet or cloud console terminals .



High Performance Network Security



Copyright© 2018 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., in the U.S. and other jurisdictions, and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. In no event does Fortinet make any commitment related to future deliverables, features, or development, and circumstances may change such that any forward-looking statements herein are not accurate. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.